IN THE CLAIMS

1. (Currently Amended) A digital recording apparatus ~~using~~ usable with a ~~disc-shaped record~~ recording medium, comprising:

means for extracting ~~outlined~~ information of each of a plurality of files recorded on the ~~disc-shaped record~~ recording medium;

means for correlating the extracted ~~outlined~~ information and the plurality of files and generating an index file; and

means for recording the index file to a predetermined position of the ~~disc-shaped record~~ recording medium,

wherein the extracted information includes at least two of property information, thumbnail information, and title information in which the property information pertains to a number of attributes of said plurality of files, and the thumbnail information includes representative image data which represent the file, and the property information is correlated to the file and the thumbnail information or the title information ~~when a predetermined operation mode is performed, a plurality of types of data of the plurality of files are output in a predetermined format~~.

2. (Currently Amended) The recoding apparatus as set forth in claim 1, wherein the index file is recorded in the innermost peripheral record area of the ~~disc-shaped record~~ recording medium.

3. (Currently Amended) The recoding apparatus as set forth in claim 1, wherein when the predetermined operation mode is started, the ~~outlined~~ information is reproduced from the index file and the reproduced ~~outlined~~ information is output in such a manner that it is correlated with each of the plurality of types of data of the plurality of files.

4. (Original) The recoding apparatus as set forth in claim 1, wherein the predetermined operation mode is a reproducing mode and/or an editing mode.

5. (Currently Amended) The recording apparatus as set forth in claim 1, wherein the ~~outlined~~ information contains attribute data of each of the plurality of types of data of the plurality of files.

6. (Original) The recording apparatus as set forth in claim 5, wherein the attribute data includes date and time data that represent the date and time at which each of the plurality of types of the plurality of files was recorded.

7. (Original) The recording apparatus as set forth in claim 5, wherein the attribute data includes date and time data that represent the date and time at which each of the plurality of types of data of the plurality of files was changed.

8. (Original) The recording apparatus as set forth in claim 5, wherein the attribute data includes the duration data that represents the duration of each of the plurality of types of data of the plurality of files.

9. (Currently Amended) The recording apparatus as set forth in claim 1, wherein the ~~outlined~~ information includes the title of each of the plurality of types of data of the plurality of files.

10. (Currently Amended) The recording apparatus as set forth in claim 1, wherein the ~~outlined~~ information includes a part of video data contained in each of the plurality of files.

11. (Currently Amended) The recording apparatus as set forth in claim 1, wherein the ~~outlined~~ information includes a part of audio data contained in each of the plurality of files.

12. (Currently Amended) The recording apparatus as set forth in claim 1, wherein the index file contains a first area and a second area, the first area being composed of an aggregation of the ~~outlined~~ information, the second area containing correlative information of the ~~outlined~~ information and the remaining data of the files and position information representing the positions of the ~~outlined~~ information of each of the plurality of files.

13. (Currently Amended) The recording apparatus as set forth in claim 12, wherein the second area contains correlative information of the ~~outlined~~ information and the remaining data of a group selected from the plurality of files.

14. (Currently Amended) The recording apparatus as set forth in claim 12, wherein a resource file is further recorded on the ~~disc-shaped record~~ recording medium, the resource file containing the same data as the second area, with the position information representing the positions of the ~~outlined~~ information in the first area, the plurality of types of data of the plurality of files recorded on the ~~disc-shaped record~~ recording medium being able to be easily searched when an operation mode including a reproducing operation is performed.

15. (Currently Amended) The recording apparatus as set forth in claim 14, wherein the resource file contains information for correlating the ~~outlined~~ information and the remaining data of a group selected from the plurality of files recorded on the ~~disc-shaped record~~ recording medium.

16. (Original) The recording apparatus as set forth in claim 12, wherein the second area designates data of the first area of another index file.

17. (Original) The recording apparatus as set forth in claim 12, wherein the second area designates data of a different file.

18. (Currently Amended) The recording apparatus as set forth in claim 17, wherein the different file contains the ~~outlined~~ information.

19. (Currently Amended) A digital recording method ~~using~~ usable with a ~~disc shaped record~~ recording medium, comprising the steps of:

extracting ~~outlined~~ information of each of a plurality of files recorded on the ~~disc shaped record~~ recording medium;

correlating the extracted ~~outlined~~ information and the plurality of files and generating an index file; and

recording the index file to a predetermined position of the ~~disc shaped record~~ recording medium,

wherein the extracted information includes at least two of property information, thumbnail information, and title information in which the property information pertains to a number of attributes of said plurality of files, and the thumbnail information includes representative image data which represent the file, and the property information is correlated to the file and the thumbnail information or the title information ~~when an operation mode including a reproducing operation is performed, a plurality of types of data of the plurality of files are output in a predetermined format~~.

20. (Currently Amended) A ~~disc-shaped record~~ recording medium for recording a plurality of files and an index file,

wherein the index file correlates ~~correlating outlines~~ information of the plurality of files and the plurality of files,

wherein the index file is recordable ~~being recorded~~ at a predetermined position of the ~~disc-shaped record~~ recording medium, and

wherein the information includes at least two of property information, thumbnail information, and title information in which the property information pertains to a number of attributes of said plurality of files, and the thumbnail information includes representative image data which represent the file, and the property information is correlated to the file and the thumbnail information or the title information.

21. (New) A digital recording apparatus usable with a recording medium, comprising:

means for generating image data;

means for recording the image data as an image file on the recording medium;

means for extracting information of each of a plurality of image files recorded on the recording medium;

means for correlating the extracted information and the plurality of image files and generating an index file; and

means for recording the index file to a predetermined position of the recording medium;

wherein the extracted information includes at least two of property information, thumbnail information, and title information in which the property information pertains to a number of attributes of said plurality of image files, and the thumbnail information includes representative image data which represent the image file, and the property information is correlated to the image file and the thumbnail information or the title information.

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22. (New) The recording apparatus as set forth in claim 21, further comprising:

means for displaying the representative image data on a screen device; and

means for pointing the representative image data on the screen device;

wherein the image data is regenerated on the screen device based on the index file when the representative image data is pointed.